

# INTERCOLLEGIATE BROADCASTING SYSTEM BULLETIN

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INTERCOLLEGIATE BROADCASTING SYSTEM BULLETIN  
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TWENTY COLLEGES WILL ATTEND CONVENTION

The Fourth Annual Convention of the Intercollegiate Broadcasting System will be held on Saturday and Sunday, December 26 and 27. It is expected that approximately 65 delegates will attend from colleges throughout the country. Present will be representatives from Alabama, Antioch, Brown, Columbia, Connecticut, Cornell, Dartmouth, Hamilton, Harvard, Haverford, Maryland, North Carolina, Ohio State, Ohio U. R.I. State, Swarthmore, Union, Wesleyan, Williams, and Yale.

Invited speaker will be Mr. Sterling Fisher, of NBC. The Convention will take place at Columbia University, and will begin with registration at Station CURC - Columbia University station. At 5:00 PM on Saturday afternoon, CURC will give an hour show at which all delegates will be present. Tickets have been obtained for popular major network shows on Saturday night, to which delegates will be invited. On Sunday afternoon, at the General Meeting, voting on policies, and elections will take place. The Convention will be officially over with the termination of this meeting.

NOTE: A full report of doings at the Convention will be published in next month's Bulletin. Ed.

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NEWS OF THE COLLEGES

ALABAMA:

Among new program ideas at BRN is a Sunday afternoon show conducted by Roy Flynn, program manager. It is called "BRN JUNIORS" and was created to provide training for those who want to do something in radio but are not yet ready for mike work on the regular schedule. The group presents dramatic skits, announces records, reads commercials, etc. The radio and studio audiences are invited to offer constructive criticism and praise for those who warrant it.

BROWN:

The Brown Network has had a baby. This Junior Network, as it is called, has for members the freshmen scuts on the Network Sr. The Junior Network broadcasts for one hour daily, from three to four; the programs include a quiz program, record shows, and a murder mystery, with a prize offered for the first person to reach the correct solution. On the board of the Junior Network are Ed Smith, President; Joe Wilkerson, Productions Manager; Ray Stafford, Program Director; Connie Brock, Business Manager; Muriel Hassenfeld, Technical Director; and Anne Speares, Publicity Director. The new senior board of the Brown Network took office on Tuesday, November 17. It is com-

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posed of

Jack Lennon.....President  
George Walker.....Productions Manager  
Ralph Briggs.....Program Directors  
David Fergeson.....  
Fred Suffa.....Business Manager  
Roy Fine.....Technical Personnel Manager  
Gordon Graham.....Technical Director  
Sonia Brown.....Publicity Director

CORNELL:

Notes from CRG....

One of their newer programs "Fantasia Ballroom", conducted by Jerrold Lieberman, is meeting with great success. This is a "wacky" show with several new twists. They now have a bulletin board for the announcing staff at the CRG studios...names are listed in the left-hand column, dates run across the top...and a personal tag is placed in a slot showing who is to announce the program. On the back of the tag, it is stated whether the program is sponsored or not and directions about commercials.

This season, twelve home basketball games will be given a play-by-play broadcast by CRG sports staff.

CRG recently played an important role in recruiting students willing to be inoculated with a new influenza vaccine which is now being perfected in the hope of preventing a flu epidemic similar to one which took place during the last war.

30 new members have now been elected to the staff of CRG..which has one of the largest station staffs.

GEORGETOWN:

GBS found an interesting tie-up with the National Academy of Broadcasting, a Washington radio and speech school. The Academy was very anxious to give its students all the practice available before "live" microphones and was therefore more than willing to present monthly programs over GBS. The quality of the NAB students' work was very high and afforded very interesting presentations for Georgetown University listeners.

GBS' program department has been successful in getting many stage and screen stars to appear before its microphone to be interviewed. Most recent of such guests were the stars of the "Ice Follies", which toured Washington a few weeks ago.

HAMILTON:

During the last two months, WHC has enjoyed the most successful period of broadcasting it has yet known. Broadcasts of the home football games by

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remote equipment culminating in a broadcast of the Hamilton-Union game at Schenectady by telephone loop, were most enthusiastically received by the college listeners. Out of a possible 600 or 700 listeners, WHC is pretty sure that they had at least 400 to 450 for this last broadcast.

They report that their battery powered remote amplifier works perfectly and they are going ahead with extensive remote broadcasts. Just inaugurated is a series of organ concerts weekly from the college chapel. Hockey and basketball games will be covered later in the season. WHC has sunk pipes in the ground and capped them, so that in order to install a remote line to any desired point, it is only necessary to remove the caps and insert poles. One thousand feet of rubber covered twisted wire on a reel can be strung to any chosen point within twenty minutes.

### HARVARD:

Richard Kleeman, newly elected President of the Crimson Network, is leaving college for study in the Army's school in Japanese. Daniel A. Shepard, his successor, worked under Kleeman as production director. In the production spot is Bradford Clark. Other members of the executive board are Howard M. Spiro, Business Manager; Robert J.L. Waugh, Technical Director; and Robert L. Bernstein.

Harvard's Crimson Network has recently put together a show which, according to Ex-President Bob Kieve, keeps droves of its listeners at their radios every Tuesday evening at 9:30 PM. As described by Network members, "it's halfway between a ticket agency and a dating bureau". The First man to call the station and accurately identify the record being played (records vary from Fats Waller discs to recordings of Beethoven's 8th) gets the chance to go up to the Network studios, to collect his two free passes to the neighborhood theater, and to make use, on the spot, of the names and telephone numbers of "carefully selected" Radcliffe girls. Supplied with nickels, the prize winners make their own blind dates, while Network microphones pick up everything they say. So far about 50% of the prize winners (there are four of them each week) have succeeded in making dates. The rest have either been refused after long telephone battles, or have found that the girls weren't in. One sly-but-shy winner slipped over a fast one when he called his own roommate and made believe he was discussing dating matters with a girl.

At this time, plans are under way to arrange a tie-up between the Crimson Network and Boston station WCOP. If effectuated, all Network broadcasts and possibly dramatic and variety shows as well, will be rebroadcast by WCOP.

### HAVERFORD:

WHAV at Haverford College, officially went on the air with an impressive list of guest speakers, including President Felix Morley, Professor Frederick Palmer, Jr., John W. Clakr, President of the Radio Club, and several members of the station staff. WHAV will broadcast between 7:30 and 9:30 PM Monday thru Thursday. The station has been organized in three principal sections:

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Programming is headed by James C. Haden, the Technical Department is headed by Henry H. Gray, and Sumner W. Ferris is in charge of the Business Board. Important aspect of WHAV plans is close cooperation with Bryn Mawr College. Many Bryn Mawr students have expressed interest in the station, and they will take part in the programs as actors, singers, and technicians. They will also do behind-the-scenes work such as script writing, obtaining advertisements, etc.

### **MICHIGAN:**

The progress of the Wolverine Broadcasting Network, U. of Michigan station, has been hampered by certain difficulties. However, David Teague, one of the founders, says that most of the difficulties appear to have been overcome and that plans for broadcasting are well under way. The plan to be followed for the immediate future is to get an experimental station on the air. There are several fraternity houses and private rooming houses adjacent to the studio, and Mr. Teague feels that broadcasting to them for a few weeks will give them some needed experience before going on the air full scale.

### **NEBRASKA:**

With only a short period of preparation, the U. of Nebraska station went on the air. Staff consists of Todd Storz, President; James Riggs, Business Manager; and Gene Bradley; Production and Advertising Manager. Included in the first program schedule is "The Barb Hour", campus news, fraternity and sorority sings, interviews with famous personalities who visit the university, midnight jam sessions, a weekly mystery play, and of course, home athletic contests.

### **PRINCETON:**

New organization at WPRU is now complete:

#### Program Department

Director.....	R.T. Crook
Classical Music Director.....	J. Doggot
Ass't Classical Music Director.....	J. M. Raymond
Special Features Director.....	D.J. Neitzel
Commercial Scripts Director.....	W. McLoughlin
Station Manager.....	G.E. Melick

#### Technical Department

Technical Director.....	D.R. Craig
Ass't Technical Director.....	B. Carson
Chief Engineer.....	T. H. Mitchel

#### Business Department

Business Manager.....	A.R. Taylor
Ass't Business Manager.....	W. Douglas

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REPORT ON THE PRODUCTION SET-UP OF THE WILLIAMS NETWORK

The usual change of leadership took place the last week in October with the election of the new officers as follows:

L. Marshall Van Deusen '44.....President  
Edwin L. Gasperini '45.....Head Announcer and Secretary  
Oliver J. Keller '45.....Production Manager  
George Donald '44.....Technical Manager  
Henry E. Niemitz '44.....Business Manager  
William Walker '45.....Ass't Production Manager & Publicity Director.

The unusual number of sophomores appointed to fill the top positions was necessitated by the resignation from college of the great majority of junior board members. Alan Eurich '45, returning after an absence of over a year, although holding no official position, has been indispensable in all departments. He will be remembered as one of those who founded the station in 1941.

In response to a campus-wide survey conducted in September several changes were made in the broadcasting schedule. The most revolutionary change being the extension of broadcasting time from twenty-two and one half to thirty hours per week. This change made room for various alterations in the Production schedule along lines suggested by the survey. The time devoted to classical music was doubled and has proved very popular. Such long-standing programs as the Intrafraternity Sing, and the W.M.S. quiz show, What Do You Know? have been retained and seem to preserve their popularity largely thru group participation. Among the new programs that have clicked on campus are Meet the Undergraduate, the Williams version of the man-in-the-street program presented from a local restaurant, and Your Musical Cavalcade, a half-hour musical program engaged in taking up various phases of modern popular music. The Williamstown Hit Parade has been able to retain its place as the top musical feature.

We have been experimenting with "live" sports broadcasts to some extent. During the summer this was a nightly feature, giving the highlights of the day's professional baseball under the name Tenth Inning. During football season, a Monday and Friday spot were set aside for this feature which was presented under the title, Predictions on Friday, Alibis on Monday. At present, hockey and basketball are being covered on this show with its name changed to On the Ice and Off the Backboard. Also numbered among the newer shows are Personality in Music, a program of popular and semi-classical music types, and This is Freedom, a fifteen-minute program on which are presented with appropriate comment, recorded speeches of political leaders of the present day and recent past. We are also presenting one installment weekly of the recorded government show Treasury Star Parade. The only other new program to be inaugurated this semester is a fifteen-minute spot on which is presented "live" Boogie-Woogie music featuring undergraduate talent. From time to time faculty talks and student opinion round-tables have been conducted but the uncertainty of this type of program made its definite scheduling impractical.

A system has now been put into service by which each sponsored show is

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placed under the supervision of a member of the production board who is made responsible for seeing that new commercials and continuity are written daily. This has largely eliminated complaints from listeners who felt the commercials were used over too long a period.

Under the heading of Special Features, W.M.S. has added several interesting activities to its broadcasting schedule. Eurich has been particularly interested in radio dramatics and has directed several radio plays using student and faculty talent. Among the plays produced were "To Tim At Twenty" and others by Corwin, "The Day the Sun Exploded" by Archibald MacLeish, and several plays by Arch Oboler. At this writing, another play is in production, "The Plot to Overthrow Christmas".

On October 3, W.M.S. traveled to Princeton to broadcast the Williams-Princeton game. There was intense satisfaction among the undergraduate body at being able to hear the play-by-play account of the Williams victory.

The immediate future of the Network looks extremely bright with a rapidly increasing list of local advertisers. With the Navy taking over a portion of the college facilities in January, just how the broadcasting schedule will be affected is not known, but every effort will be made to work in coordination with the Navy wherever this is possible.

William Walker  
Publicity Director, W.M.S.

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### CAMPUS STATION BROADCASTING FACILITIES

Several more Broadcasting Facilities Questionnaires have been received since the last issue of the Bulletin. The following digest of the principle features of the systems reporting should prove interesting because of the wide variety of circuits and techniques used. If the questionnaire for your college has not yet been returned, please make sure it reaches us in time for the next issue of the Bulletin.

#### Alabama

The station layout at Alabama is quite extensive, there being a large and a small studio both visible from a central control room as well as three small offices and a news room. The program mixer has a total of six channels, four being used for mikes, the other two being used for the phonograph pickups. Remote programs are brought in on any channel not in use for the studio program. A Cardiod, saltshaker dynamic, velocity, dynamic, and crystal mike are available for use in either studio, giving a wide variety of pick-up characteristics. Four 78 rpm 12 and 10 inch turntables are available, and two dual speed models with 16 inch turntables. Crystal pickups are employed. Monitoring is by a Weston VU meter, two db. meters, monitor speakers in control

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room and each studio, and earphones for the control man. Cue signals for remote programs are available by switching, as well as talk-back to both studios. The mike controls also cut off the studio monitor speakers. A three channel remote amplifier equipped with db. meter, is used for remote work. Considerable sound effects equipment has been assembled, a great portion in recorded form, and a separate amplifier associated with two turntables and three pickups is used for sound effects work.

The single transmitter now in use is fed audio over a 4000 ft. twisted pair overhead line from a line amplifier in the studio. Construction of a second transmitter is under way. Approximately 800 students are now reached on a frequency of 570 kc. from the transmitter, which is rated at five watts and employs e.c.o. frequency control. The radio waves are fed directly into the heating pipes in a girls' dorm and from there are conducted to the other buildings in the vicinity.

### U. of Colorado

Station KRNW, one of the newest IBS Trial Members, broadcasts from a studio and separate control room to an audience of approximately 1200 students. Four mike and two phono channels are available, being fed by three crystal mikes, one 78 rpm and one dual speed turntable. Monitor speakers are located in the control room and in the studio. Also available are a modulation meter and earphones for the engineer and announcer. As yet, no lines are available for remote work, but a small wired-wireless transmitter has been used to send signals back to the studio.

Transmission to three dorms and a number of residence houses is accomplished by feeding r.f. from a three watt transmitter into the 110 volt lighting circuit which feeds the campus. The transmitter is crystal controlled on a frequency of 1000 kc.

### U. of Connecticut

The studios of UCBS are temporarily located in a single room housing control panel, relay rack mounting transmitter, and the announcer's desk. A better sound-proofed studio is under construction. The six channel mixer provides inputs for two mikes, two phono pickups, and either AM or FM, or remote line pickups. Emergency mike and phono channels are also available. All mikes are the crystal type, the better ones being a Shure Ultra and Turner 33-X. One twelve inch and one sixteen inch dual speed Presto turntable are available using Brush PL-20 pickups. Two conventional 78 rpm. turntables and crystal pickups are also available. Visual monitoring by a Weston VU meter supplements aural monitoring over a studio speaker and operator's earphones. Aural monitoring of the r.f. signal is also possible. Since the controls are in the same room as the microphones, a relay is connected automatically to cut out the studio speaker when the mikes are in use.

Two transmitters are used. One, located in the studio, feeds a very low level signal on a crystal controlled frequency of 560 kc. to 14 buildings by means of an overhead single conductor line which totals about 3000 feet. These buildings are of frame or mill construction, so a very low level field is

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sufficient; the transmitter output is about 0.2 watts. The fact that U. of Conn. is in the country also helps make possible successful operation with this low a power. However, three buildings of brick and steel construction located at some distance from the campus proper proved unsuitable for this type of r.f. transmission. To cover these buildings without radiation of power into nearby high tension power lines, a telephone line was rented from the studio to one of the buildings. An SVU output line amplifier feeds a 4 watt transmitter which in turn feeds r.f. on the 560 k.c. channel into the common 110 v. lighting circuit for the three buildings. This e.c.o. transmitter is shown on drawing H1010 of the IBS Technical Data Book.

For remotes, a plus SVU output, two channel portable amplifier equipped with a Weston VU meter is employed. It has been found possible, by employing a coupling means which does not ground the single wire line, to use this line to send audio back to the studio for remotes from any building to which the line is run. Remotes from the buildings fed by the telephone line are also possible, using the phone line to send the audio signals back to the studio. A radio is used for cue signals for these remote broadcasts.

### Cornell

The Cornell Radio Guild's studio is separated from the control room by a wall provided with a large window. The control room floor is two steps above the studio floor, and the control board is arranged directly in front of the intervening window. Five input channels are provided, two for mikes, two for phonos, and one for the various remote lines which are available. One velocity, two crystal, and one dynamic mikes are available. Four dual speed turntables are available, two manufactured by Gerard and two by General Industries. The signals are monitored in the control room by means of a Triplett db. meter, speaker and earphones. A speaker is also provided in the studio which is interlocked to prevent its operation when the mikes are in operation. An ac operated portable remote amplifier provided with four inputs and a db. meter is used for remotes.

At present, transmission to the Cornell campus is effected by twenty small transmitters fed from the studio by as many telephone lines. Each of these transmitters feeds r.f. to the steam pipes in the building in which it is located. At present, a new system is being installed which will eliminate the need for this large number of transmitters by making use of the campus power circuit. A write-up of this new system will appear in a later issue.

David W. Borst,  
IBS Technical Manager

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THIS IS THE LAST ISSUE OF THE IBS BULLETIN FOR THE YEAR, 1942.  
A MERRY CHRISTMAS TO EVERYONE AND TO ALL A HAPPY NEW YEAR.....  
SEE YOU AGAIN IN 1943. Editor.